

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

**Title of  
Invention****METHOD AND STRUCTURE FOR VERTICAL DRAM DEVICES WITH  
SELF-ALIGNED UPPER TRENCH SHAPING**

Application Number :

Date :

First Named Applicant: Kangguo Cheng

Attorney Docket Number: FIS920030163US1

**TOTAL FEE AUTHORIZED \$ 964**

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

**BASIC FILING FEE**

Fee Description	Fee Code	Amount \$	Fee Paid \$
Utility Filing Fee	1001	750	750
Subtotal For Basic Filing Fees: \$ 750			

**EXTRA CLAIM FEES**

Fee Description	Extra Claim	Fee Code	Amount \$	Fee Paid \$
Total Claims : 25	5	1202	18	90
Independent Claims : 4	1	1201	84	84
Subtotal For Extra Claims Fees: \$ 174				

**ASSIGNMENT FEES**

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40
Subtotal For Additional Fees: \$40					

**AUTHORIZED BILLING INFORMATION****The commissioner is hereby authorized to charge indicated fees and credit any  
overpayments to:**

Deposit account number: 090458

Deposit name: International Business Machines Corporation

Deposit authorized name: James J. Cioffi

Signature: James J. Cioffi/ s /

Date (YYYYMMDD): 2003-07-30

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.